## **CLAIMS**

## WHAT IS CLAIMED IS:

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## 1. A compound of Formula (I)

$$H_3$$
C  $N$   $CH_3$   $CH_3$   $OCH_3$ 

- or a stereoisomeric form thereof, or a mixture of stereoisomeric forms thereof, a pharmaceutically acceptable prodrug thereof, or a pharmaceutically acceptable salt thereof, wherein in formula (I) R is H or Me.
  - 2. A compound according to claim 1, which is N-(1-ethylpropyl)-7-(6-methoxy-2-methylpyridin-3-yl)-2,6-dimethylpyrrolo[1,2-b]pyridazin-4-amine.
  - 3. A compound according to claim 1, which is 7-(6-methoxy-2-methylpyridin-3-yl)-2,6-dimethyl-N-[(1S)-1-methylpropyl]pyrrolo[1,2-b]pyridazin-4-amine.
  - 4. A pharmaceutical composition comprising a compound of any one of claims 1 to 3, and optionally comprising a pharmaceutically acceptable carrier.
  - 5. A method of treating a disorder manifesting hypersecretion of CRF in a warm-blooded animal, comprising administering to the animal a therapeutically effective amount of a compound of any one of claims 1 to 3.
  - 6. A method for the treatment of a disorder in a mammal, the treatment of which disorder can be effected or facilitated by antagonizing CRF, comprising administering to the mammal a therapeutically effective amount of a compound of any one of claims 1 to 3.
  - 7. A method for screening for ligands for CRF receptors, which method comprises: a) carrying out a competitive binding assay with a CRF receptor, a compound of any one of claims 1 to 3, which is labeled with a detectable label, and a candidate ligand; and b) determining the ability of said candidate ligand to displace said labeled compound.
  - 8. A method for detecting CRF receptors in tissue comprising: a) contacting a compound of any one of claims 1 to 3, which is labeled with a detectable label, with a tissue, under conditions that permit binding of the compound to the tissue; and b) detecting the labeled compound bound to the tissue.
  - 9. A method of inhibiting the binding of CRF to a CRF<sub>1</sub> receptor, comprising contacting a compound of any one of claims 1 to 3, with cells expressing the CRF<sub>1</sub> receptor,

wherein the compound is present in the solution at a concentration sufficient to inhibit the binding of CRF to the CRF<sub>1</sub> receptor.

- 10. The method of claim 9, wherein the cells are IMR32 cells.
- 11. A method of treating a disorder in a mammal, comprising administering to the mammal in need thereof an effective amount of a compound according to any claim of claims 1 to 3, wherein the disorder is selected from anxiety-related disorders; mood disorders; supranuclear palsy; immune suppression; rheumatoid arthritis; osteoarthritis; infertility; pain; asthma; allergies; sleep disorders induced by stress; fibromyalgia; fatigue syndrome; stressinduced headache; cancer; human immunodeficiency virus infections; Alzheimer's disease; Parkinson's disease; Huntington's disease; gastrointestinal ulcers; irritable bowel syndrome; Crohn's disease; spastic colon; diarrhea; post operative ilius and colonic hypersensitivity associated by psychopathological disturbances or stress; anorexia; bulimia nervosa; hemorrhagic stress; stress-induced psychotic episodes; euthyroid sick syndrome; syndrome of inappropriate antidiarrhetic hormone; obesity; head traumas; spinal cord trauma; cerebral hippocampal ischemia; excitotoxic neuronal damage; epilepsy; hypertension; tachycardia; congestive heart failure; stroke; stress induced immune disfunction; muscular spasms; urinary incontinence; senile dementia of the Alzheimer's type; multiinfarct dementia; amyotrophic lateral sclerosis; chemical dependencies and addictions; osteoporosis; psychosocial dwarfism; hypoglycemia; acne; psoriasis; chronic contact dermatitis, and hair loss.
  - 12. The method according to claim 11 wherein the disorder is selected from anxiety-related disorder and mood disorder.
- 13. The method according to claim 12 wherein the disorder is anxiety-related disorder is generalized anxiety disorder and the mood disorder is major depression.
- 14. A method of promoting hair growth in a human, comprising administering to the human in need thereof an effective amount of a compound according to any claim of claims 1 to 3.
- 15. A method of promoting smoking cessation in a human, comprising administering to the human in need thereof an effective amount of a compound according to any claim of claims 1 to 3.

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